## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

) Conf. No.: 3059 )

Atty. Docket: ZIMMERMANN3

) Art Unit: IA No: PCT/CH04/00383 )

In re Application of:

Jan ZIMMERMANN et al.

) Examiner: IA Filed: June 23, 2004

) Washington, D.C. Appln. No.: 10/561,943 )

For: SUPERHYDROPHOBIC COATING ) March 29, 2007

## INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner for Patents U.S. Patent and Trademark Office Customer Service Window Randolph Building, Mail Stop Amendment 401 Dulany Street Alexandria, VA 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

- [X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed:
- [X] B. before the mailing date of a first office action on the merits or before the mailing of a first Office action after the filing of a Request for Continued Examination under 37 CFR §1.114.
- [X] 2. In accordance with 37 CFR \$1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications,

or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR \$1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached, except as explained below:

- [X] 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).
- [X] 5. Other information being provided for the examiner's consideration follows: International Search Report
- 6. In accordance with 37 CFR §\$1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR \$1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Substitute for form 1449A/PTO				Complete if Known			
				Application Number	10/561,943		
INFO	RMATION	DISCLOSI	JRE	Filing Date	June 23, 2004		
STA	TEMENT BY	APPLICA	ANT	First Named Inventor	Jan ZIMMERMAN		
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	(use as many	sheets as necessa	ary)	Examiner Name			
Sheet	1	ZIMMERMAN3	2	Attorney Docket Number	ZIMMERMAN3		

			U.S. PA	TENT DOCUMENTS	<del></del>
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-3 487 122 A	12-30-1969	Stengle et al.	
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	AC	US-4 299 886 A	11-10-1981	Soejima et al.	
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		FOREIC	ON PATENT DO	CUMENTS		
		Foreign Patent Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	of Cited-Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AD	WO 03/044077 A	05-30-2003	Honeywell		
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Examiner	Date	
Signature	Considered	

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

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STAT	EMENT BY	ΔP	PLICANT	First Named Inventor	Jan ZIMMERMAN	
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	(use as many sheets	as n	ecessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	ZIMMERMAN3	

		NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
-	AE	OTTEN, A. et al., "How Plants Keep Dry: A Physicist's Point of View"; American Chemical Society; Langmuir, 2004, Vol. 20, pp. 2405-2408	
	AF	YOSHIMITSU, Z et al., "Effects of Surface Structure on the Hydrophobicity and Sliding Behavior of Water Droplets"; American Chemical Society; Langmuir, 2002, Vol. 18, pp. 5818-5822	
	AG	FENG, L. et al., "Super-Hydrophobic Surfaces: From Natural to Artificial"; Adv. Mater, December 17, 2002, Vol. 14, No. 24, pp. 1857-1860	
	АН	MIWA, M et al., "Effects of the Surface Roughness on Sliding Angles of Water Droplets on Superhydrophobic Surfaces"; American Chemical Society, Langmuir, 2000, Vol. 16, pp. 5754-5760	
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	AK	TRAU, M. et al., "An Ellipsometric Study of Thin Films on Silica Plates Formed by Alkylchlorosilylation Reagents"; Journal of Colloid and Interface Science, Vol. 148, No. 1, January 1992	
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<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.